



**orion**  
For the World's Best Jewelers



World-Class  
Micro Welding  
Systems

  
**sunstone**<sup>™</sup>  
The Micro Welder Experts

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**sunstone**<sup>™</sup>  
The Micro Welder Experts



# The World's Most Respected Micro Welding Systems

## Orion™: The True Craftsman's Trade Secret

The world's most accomplished artists have turned to the world's best micro welders to advance their craft. An Orion micro welder from Sunstone enables every artist to create and repair any masterpiece due to advanced energy control and precision. Acclaimed artists from all over the world put

Orion micro welders to work every day in creating remarkable pieces. And with Sunstone's reputation for white-glove customer service the choice is easy. **Call today to see which Orion welder is best for your studio.**



Power Source Not Pictured

### Specifications

	mPulse	100c	150s	200i
WELDER FOOTPRINT (L X W X H)	14x8.9x13.3 cm	27.3x15.2x17.1 cm	31.1x15.2x26 cm	44.5x12.1x28.6 cm
MICROSCOPE BASE FOOTPRINT (L X W)	<b>9.5X9.5 cm</b>	<b>9.5X9.5 cm</b>	<b>9.5X9.5 cm</b>	<b>9.5X9.5 cm</b>
STYLUS TO TABLETOP RANGE	<b>0-33 cm</b>	<b>0-33 cm</b>	<b>0-33 cm</b>	<b>0-33 cm</b>
PULSE-ARC WELDING ENERGY RANGE (JOULES)	<b>3-30 J</b>	<b>3-100 J</b>	<b>1-150 J</b>	<b>0.2-200 J</b>
ESTIMATED WELD SPOT DIAMETER RANGE	≈ 1 - 1.5 mm	≈ 0.75 - 2.5 mm	≈ 0.5 - 3.5 mm	≈ 0.1 - 4.5 mm
DISPLAY (TOUCH SCREEN)	11 cm	13 cm	20 cm	25 cm
WELD SPEED	1 weld/2 seconds	1 weld/0.7 seconds	1 weld/0.2 seconds	1 weld/0.2 seconds
HIGH FREQUENCY AGITATION OPTIONS	None	Basic	Multiple	Advanced
SAVE SETTINGS SPACES	0	30	100	Unlimited
5X MAGNIFICATION	•	•	•	•
FULL IR & UV EYE PROTECTION THROUGH MICROSCOPE	•	•	•	•
20+ ON-SCREEN LANGUAGES		•	•	•
ARC START TECHNOLOGY		•	•	•
TACK MODE		•	•	•
BASIC SCREEN METAL PRESETS		•	•	•
UPGRADEABLE SOFTWARE		•	•	•
ON SCREEN TRAINING VIDEOS			•	•
ADAPTIVE WELD IGNITION				•
DYNAMIC ENERGY ADJUSTMENT				•
MULTIPLE WELDING WAVEFORMS				•
PICO MODE				•



“As soon I got my Orion welder, I was able to streamline my process of jewelry making perfectly. It gave me the freedom to do what I needed to do.”

–Meg Carter  
Jewelry Artist



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